

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60210

Participation : CTR

Employer : Bonneville Power Administration

Status : Affected

Worksite : Dittmer Control Center

Survey Type : Online

Street : 5411 Ne Highway 99

Response Rate : 64%

Jurisdiction : City of Vancouver

Survey Date : 5/24/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 13.4%

Drive Alone Rate : 86.6%

One-Way VMT per employee : 12.5

Average One-Way distance home to work : 14.1

Employees and Survey Response Information

Reported Total Employees at Worksite: 373

Surveys Distributed : 373

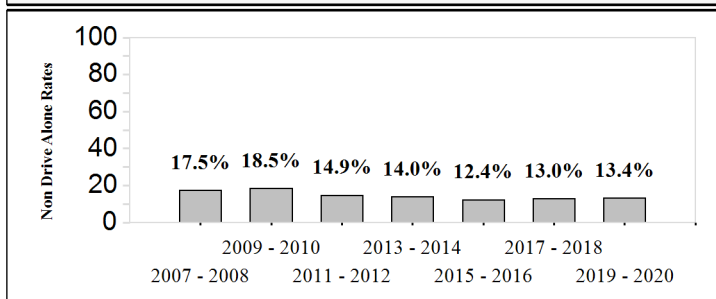
Surveys Returned : 238

Surveys Returned by CTR Affected* Employees : 227

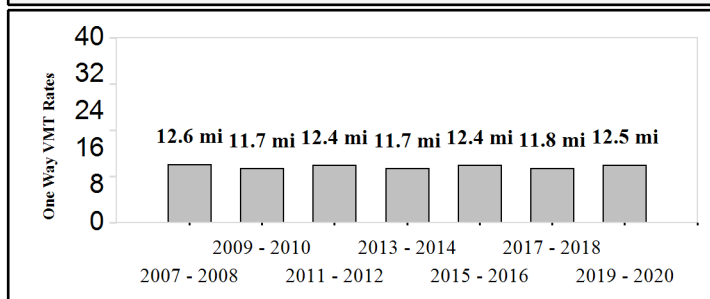
Total Estimated CTR Affected Employees at Worksite : 356

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

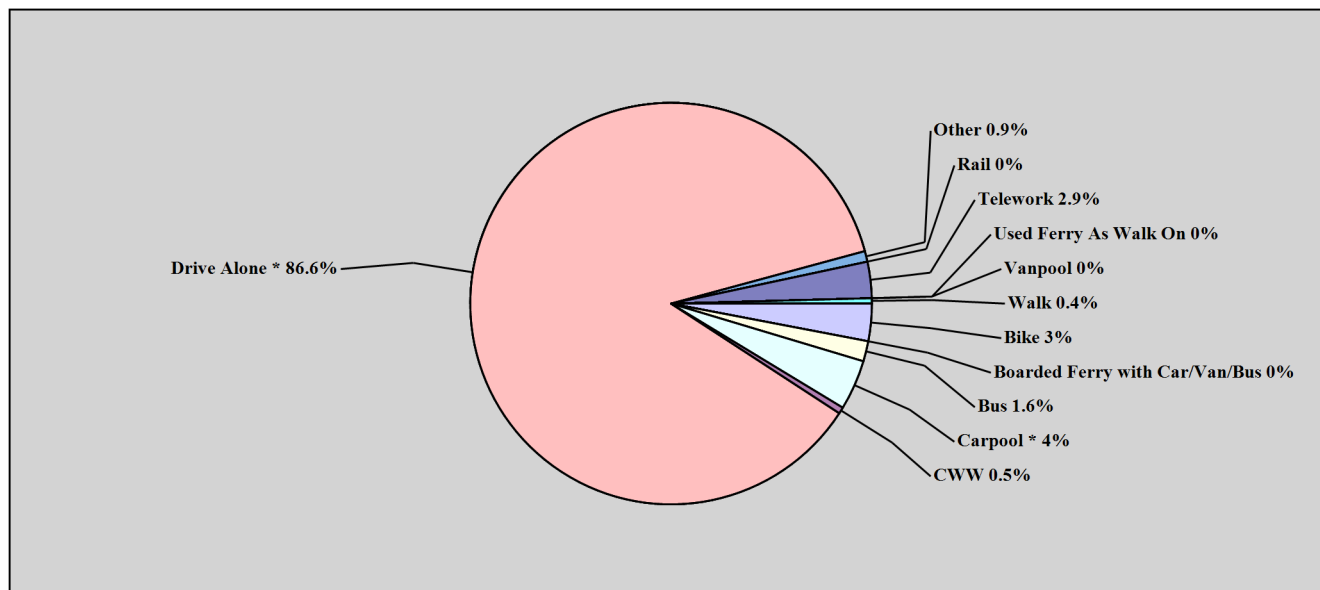
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	17.5%	16.4%	883	2071	49.0	12.6	12.3
2009 - 2010	18.5%	18.9%	860	1645	38.9	11.7	11.4
2011 - 2012	14.9%	14.5%	297	541	12.8	12.4	12.6
2013 - 2014	14.0%	13.6%	420	583	13.8	11.7	12.0
2015 - 2016	12.4%	12.4%	788	2218	52.4	12.4	12.2
2017 - 2018	13.0%	11.7%	387	590	13.9	11.8	12.2
2019 - 2020	13.4%	13.2%	646	1013	23.9	12.5	12.4
Target	23.5%				Target:	10.3	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-4.1				% Change from Baseline:	-0.8%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



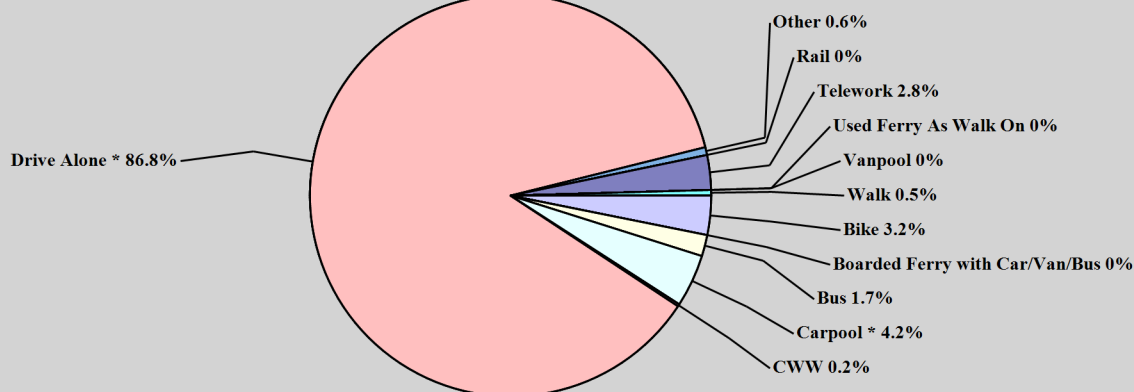
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,008	86.6%	87.0%	225	94.5%	94.7%
Carpool *	47	4.0%	2.3%	13	5.5%	3.3%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	19	1.6%	2.0%	4	1.7%	2.7%
Rail	0	0.0%	0.1%	0	0.0%	0.7%
Bike	35	3.0%	0.3%	11	4.6%	1.3%
Walk	5	0.4%	0.9%	1	0.4%	0.7%
Telework	34	2.9%	3.1%	26	10.9%	11.3%
CWW	6	0.5%	1.1%	3	1.3%	2.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	10	0.9%	3.1%	3	1.3%	2.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	963	86.8%	88.3%	214	94.3%	95.8%
Carpool *	47	4.2%	2.4%	13	5.7%	3.5%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	19	1.7%	2.1%	4	1.8%	2.8%
Rail	0	0.0%	0.1%	0	0.0%	0.7%
Bike	35	3.2%	0.3%	11	4.8%	1.4%
Walk	5	0.5%	1.0%	1	0.4%	0.7%
Telework	31	2.8%	3.3%	25	11.0%	12.0%
CWW	2	0.2%	1.1%	2	0.9%	2.8%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	7	0.6%	1.3%	2	0.9%	1.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	180	76%	238	100%
1 Days	25	11%	58	24%
2 Days	5	2%	33	14%
3 Days	7	3%	28	12%
4 Days	7	3%	21	9%
5 Days	13	5%	14	6%
6 or More Days	1	0%	1	0%

Count by Occupancy of Carpools and Vanpools

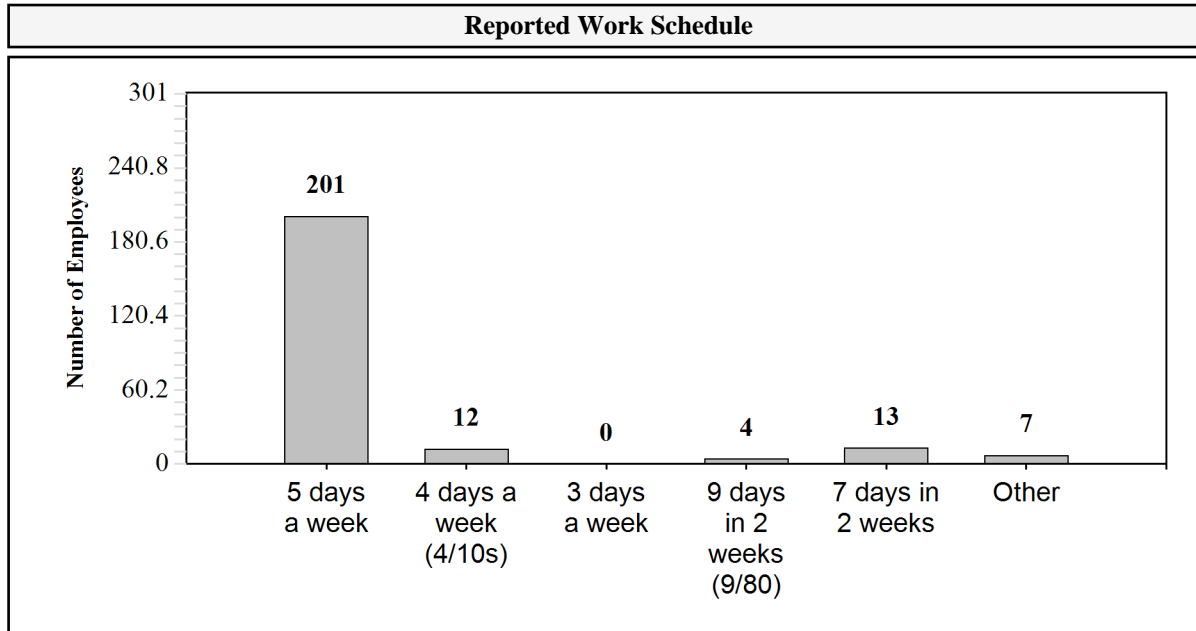
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	47
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

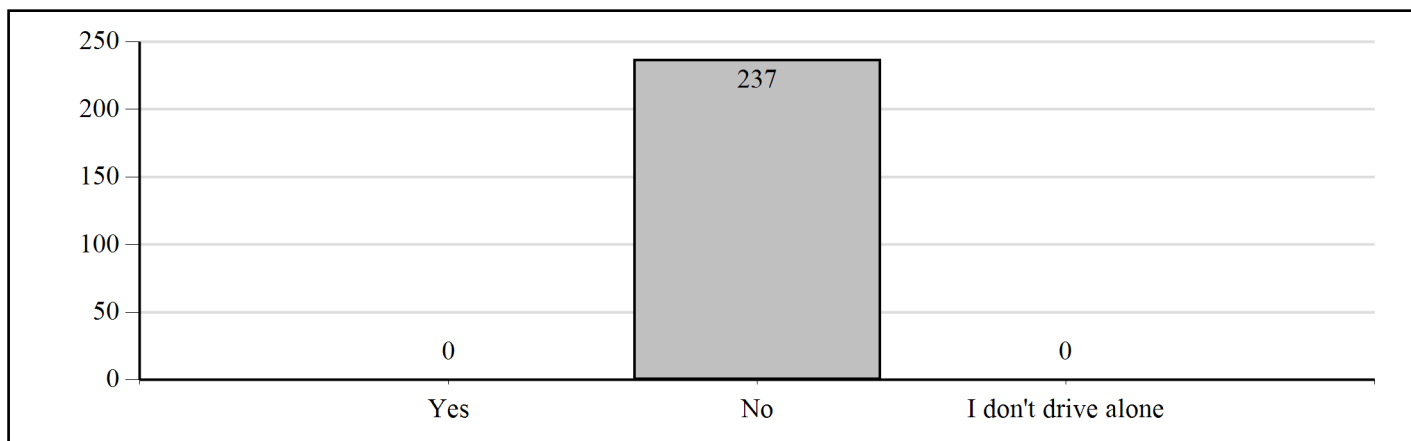
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	201	84.8%
4 days a week (4/10s)	12	5.1%
3 days a week	0	0%
9 days in 2 weeks (9/80)	4	1.7%
7 days in 2 weeks	13	5.5%
Other	7	3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.4%
I don't telework	100	42.0%
Occasionally, on an as-needed basis	111	46.6%
1-2 days/month	9	3.8%
1 day/week	15	6.3%
2 days/week	1	0.4%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	82	19.9%
To save money	61	14.8%
Personal health or well-being	59	14.3%
Environmental and community benefits	56	13.6%
Other	50	12.1%
Financial incentives for carpooling, bicycling or walking.	21	5.1%
Free or subsidized bus, train, vanpool pass or fare benefit	21	5.1%
Driving myself is not an option	21	5.1%
Emergency ride home is provided	15	3.6%
To save time using the HOV lane	13	3.1%
Cost of parking or lack of parking	10	2.4%
Preferred/reserved carpool/vanpool parking is provided	3	0.7%
I receive a financial incentive for giving up my parking space	1	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	155	25.9%
Riding the bus or train is inconvenient or takes too long	141	23.6%
Family care or similar obligations	86	14.4%
Other	70	11.7%
My commute distance is too short	58	9.7%
Bicycling or walking isn't safe	48	8.0%
My job requires me to use my car for work	22	3.7%
I need more information on alternative modes	13	2.2%
There isn't any secure or covered bicycle parking	5	0.8%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98685	18	7.56%	74	5	0	2	5	0	2	0	0	1	0	0	0
98682	16	6.72%	71	0	0	0	0	0	4	0	2	0	0	0	0
98604	15	6.30%	57	9	0	0	0	0	0	0	5	0	0	0	0
98642	15	6.30%	67	5	0	1	0	0	0	0	0	0	0	0	0
98665	14	5.88%	50	0	0	5	0	0	11	0	3	0	0	0	0
98684	13	5.46%	59	0	0	0	0	0	3	0	3	0	0	0	0
98607	12	5.04%	48	5	0	0	4	0	0	0	1	0	0	0	0
98661	12	5.04%	53	1	0	0	0	0	2	5	0	0	0	0	0
98686	11	4.62%	39	5	0	5	0	0	5	0	0	0	0	0	0
98662	10	4.20%	46	0	0	0	0	0	3	0	0	0	0	0	0
98606	9	3.78%	39	0	0	0	0	0	0	0	1	0	0	0	0
98683	9	3.78%	42	0	0	0	0	0	0	0	2	0	0	0	0
98663	8	3.36%	39	0	0	0	0	0	0	0	1	0	0	0	0
97006	6	2.52%	30	0	0	0	0	0	0	0	1	0	0	0	0
98664	6	2.52%	19	5	0	4	0	0	0	0	0	0	0	0	0
98674	6	2.52%	14	0	0	5	0	0	0	0	1	1	0	0	0
98629	3	1.26%	15	0	0	0	0	0	2	0	0	0	0	0	0
98660	3	1.26%	12	0	0	0	0	0	3	0	0	0	0	0	0
98671	3	1.26%	15	0	0	0	0	0	0	0	0	0	0	0	0
97003	2	0.84%	8	2	0	0	0	0	0	0	0	0	0	0	0
97022	2	0.84%	10	0	0	0	0	0	0	0	0	0	0	0	0
97203	2	0.84%	5	5	0	0	0	0	0	0	0	0	0	0	0
97206	2	0.84%	9	0	0	0	0	0	0	0	0	0	0	0	0
97212	2	0.84%	7	0	0	0	0	0	0	0	1	4	0	0	0
97216	2	0.84%	10	0	0	0	0	0	0	0	0	0	0	0	0
97219	2	0.84%	10	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97222	2	0.84%	7	0	0	0	0	0	0	0	2	0	0	0	0
97223	2	0.84%	10	0	0	0	0	0	0	0	0	0	0	0	0
97239	2	0.84%	5	0	0	0	5	0	0	0	0	0	0	0	0
	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97004	1	0.42%	4	0	0	0	0	0	0	0	1	0	0	0	0
97027	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97030	1	0.42%	0	0	0	0	0	0	0	0	0	0	0	0	5
97031	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97045	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97068	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97089	1	0.42%	1	0	0	0	0	0	0	0	3	0	0	0	0
97123	1	0.42%	2	2	0	0	0	0	0	0	0	0	0	0	0
97201	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97202	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97210	1	0.42%	4	0	0	0	0	0	0	0	1	0	0	0	2
97215	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97217	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97218	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97220	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97224	1	0.42%	3	0	0	2	0	0	0	0	0	0	0	0	0
97225	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97229	1	0.42%	6	0	0	0	0	0	0	0	0	0	0	0	0
97230	1	0.42%	4	0	0	0	0	0	0	0	1	0	0	0	0
97232	1	0.42%	0	0	0	0	5	0	0	0	0	0	0	0	0
97236	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
97266	1	0.42%	3	0	0	0	0	0	0	0	1	0	0	0	0
97267	1	0.42%	3	0	0	0	0	0	0	0	1	0	0	0	0
98611	1	0.42%	4	0	0	0	0	0	0	0	1	0	0	0	0
98632	1	0.42%	4	0	0	0	0	0	0	0	0	0	0	0	3



Weekly Count of Trips By Mode															
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98639	1	0.42%	1	3	0	0	0	0	0	0	2	0	0	0	0
98675	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0
98687	1	0.42%	5	0	0	0	0	0	0	0	0	0	0	0	0